INTERNATIONAL SEARCH REPORT

International Application No
I/IB2004/051060

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER F41A13/08									
According to International Patent Classification (IPC) or to both national classification and IPC										
	SEARCHED		·							
Minimum do IPC 7	cumentation searched (classification system followed by classification F41A	n symbols)								
	ion searched other than minimum documentation to the extent that su									
ľ	ata base consulted during the international search (name of data base ternal, WPI Data	e and, where practical, s	earch (erms used)							
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.							
А	US 5 404 789 A (HAAS) 11 April 1995 (1995-04-11) cited in the application column 2, line 20 - column 3, line figures 1-4	e 14;	1-18							
A	US 3 377 918 A (AUSTIN ET AL.) 16 April 1968 (1968-04-16) column 1, line 59 - column 2, lin figures 1,3	e 65;	1-18							
A	US 2 807 986 A (HOWARD ET AL.) 1 October 1957 (1957-10-01) column 2, line 62 - column 5, lin figures 1-5	e 2;	1–18							
А	US 5 109 748 A (BERTILLER ET AL.) 5 May 1992 (1992-05-05) 									
Further documents are listed in the continuation of box C. X Patent family members are listed in annex.										
T later document published after the international filing date or priority date and not in conflict with the application but considered to be of particular relevance *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention										
"L" docume which	pare ant which may throw doubts on priority claim(s) or is cited to establish the publication date of another	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention								
citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filting date but cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such documents.										
latert	of the same patent family									
Date of the actual completion of the international search Date of mailing of the international search report 17 August 2004 26/08/2004										
	mailing address of the ISA	Authorized officer								
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Giesen, M								

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 23

Rule 6.2(a) PCT

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 23 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows: .
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No T/IB2004/051060

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5404789	Α	11-04-1995	NONE		
US 3377918	Α	16-04-1968	NONE		
US 2807986	Α	01-10-1957	NONE		
US 5109748	A	05-05-1992	DE AU CA DE EP ES IL JP JP	4015822 A1 636025 B2 7529291 A 2042205 A1 59101134 D1 0457174 A1 2051538 T3 98168 A 3115351 B2 4227491 A	21-11-1991 08-04-1993 21-11-1991 18-11-1991 14-04-1994 21-11-1991 16-06-1994 24-06-1994 04-12-2000 17-08-1992